

PTO-1449

Information Disclosure Citation in an Application

Application No. 09/870,144

REDENVEL

SEVICK-MURACA et al.

Docket Number 017575.0680

FEB - Unit

Filing Date
MAY 30, 2001

U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
/(	A	4,541,438	9/1985	Parker et al.	128/664	F //	
	В	5,022,757	6/1991	Modell	128/664		
	С	5,142,372	8/1992	Alfano et al.	128/664		
L	D	5,213,105	5/1993	Gratton et al.	128/664		The same of
$\prod$	E	5,340,991	8/1994	Fransen et al.	128/664	\///\	
	F	5,353,799	10/1994	Chance	128/664	X /	
Ц	G	5,413,098	5/1995	Benaron	128/633	.///	· · · · · · · · · · · · · · · · · · ·
Ц	Н	5,421,337	6/1995	Richards-Kortum et al.	128/633	7 //	
Ц	I	5,421,339	6/1995	Ramanujam et al.	128/665		
Ц	J	5,119,815	6/9/92	Chance	128/633		
Ц	K	5,208,651	5/4/93	Buican	356/346		
Ц	L	5,485,530	1/16/96	Lakowicz et al.	382/191		
Ш	М	5,504,337	4/2/96	Lakowicz et al.	250/461.2		
Ц	N	5,582,168	12/10/96	Samuels et al.	128/633		
$\coprod$	0	5,624,847	8/29/97	Lakowicz et al.	436/68		
Ш	P	5,628,310	5/13/91	Rao et al.	128/633		
$\coprod$	Q	5,692,504	12/2/97	Essenpreis et al.	128/633		
$\prod$	R	5,759,767	6/2/98	Lakowicz et al.	435/4		
Ш	s	5,792,049	8/11/98	Eppstein et al.	600/306		
Ц	Т	5,818,583	10/6/98	Sevick-Muraca et al.	600/476		
Ц	U	5,860,421	1/19/99	Eppstein et al.	128/660.06		
Ц	V	5,865,754	2/2/99	Sevick-Muraca et al.	600/476		·
	w	5,891,656	4/6/99	Zarling et al.	435/792		
	X	5,949,077	9/7/99	Alfano et al.	250/459.1		
	Y	5,441,054	8/1995	Tsuchiva	128/665		
$\int$	Z	5,452,723	9/1995	Wu et al.	128/665		······································
$\int$	AA	5,507,287	4/1996	Palcic et al.	128/633		
$\int$	AB	5,579,773	12/1996	Vo-Dinh et al.	128/665		···
	AC	5,590,660	1/1997	MacAulay	128/664		<del></del>
1	AD	5,647,368	7/1997	Zeng et al.	128/665		



		•			
_			·		
MENT	no.		······································		
<del>BBS</del>					
	CLASS	SUBCLASS	TRANSLATION YES NO		
RO	PM -		123	NO_	
			· <del></del>	ļ	
			` <u> </u>		
			>		
	L	<u></u>			
ENTS					
l Perti	nent Pages)		DAT	E	
edia b	y use of freque	ncy-domain			
Optics	vol. 33, No. 10	5, June 1994			
	. 4	C " T			
quatic	on in radiative t	ranster", J.			
nine s	green fluoresce	nce: Initial			
0. 4, 1	р. 1-5.				
media	a", Optics Lette	rs, vol. 21			
ncv-de	omain data; sim	ulations and			
253-2		miniono mid			
nce n	neasurements fo				
	pefficients of bi	<u>ological</u>			
314	enous and heter	ogeneous			

The	DOCUMENT NO.	DATE	CONTRACT 2005	CLASS	SUBCLASS -	TRANSLA YES	ATIO
1			TC PROTO MAIL I	₹ <del>0</del> ₽М	+	1 E3	<del>  '</del>
	WO 95/12132	5/4/95	TC 3000 MAIL				<u> </u>
	2-268256	1/1990	Japan		<del> </del>		l
1	2-200230	1/1990	зарап	<del></del>	+	<del></del>	
		·				)	
			• :				
<del>                                     </del>			1			···	-
						-	
		/	NON-PATENT DOCUMENT	rs			
	DC	OCUMENT (Inclu	ding Author, Title, Source, and Pe	rtinent Pages)		DAT	E
<del>  '</del>	F M Sevick et al ."	Localization of	absorbers in Scattering Medi	a by use of freque	ency-domain		
TIL							
JYC	measurements of time-dependent photon migration, Applied Optics vol. 33, No. 16, June 1994 pp. 3562-3570.						
	Richard Haskel et al., "Boundary conditions for the diffusion equation in radiative transfer", J.						
1			ct. 1994, pp. 2727-2741				
			timation by use of indocyanir	e green fluoresce	nce: Initial		
			Rehabilitation, vol. 16 No.				
			lifetime imaging in turbid me		ers, vol. 21		
	No. 2, Jan. 1996, pp.						
	Huabei Jiang et al., "	Optics image re	construction using frequency	-domain data; sin	nulations and		
	experiments", J. Opt.	Soc. Am., vol.	13, No. 2, Feb. 1996, pp. 253	-266.			
	Alwin Dienle et al., "Spatially resolved absolute diffuse refletance measurements for						
			ical scattering and absorption		<u>iological</u>		
			13, May 1996, pp. 2304-231				
			photon density waves in home				
		c solutions and	applications", Applied Optics	s, vol. 35, No. 19,	July 1996,		
$\Box$	pp. 3746-3758	1 (/ ) 11 -1					
			ns of time-resolved light scat	tering measureme	ents to		
			Applied Optics 1203-1208		7. 10		
-			equation representation of pho-				
			phosphorescence signals ree	mitted from tissu	es", Optics		
	Letters, vol. 19, No. 2			in diamenta a securi	tations!		
			cence lifetime-based sensing Apr. 1995 pp. 1574-1584	in ussues: a com	putational		
H-			ent of a simple system for free	manou domain di	ffire ontice!		
	tomography", Phys. I			focues commit di	Trase obticat		
HH			er induced fluorescence in ma	lionant and norm	al tissue of		
			rivative", Photochemistry and				
	pp. 978-983, 1993	porpayim de	, - notoenembuy and	- 1 notociology, v	J. J., 110. 0,		
HH		-dimensional ir	naging of objects embedded i	n turbid media w	ith		
			y", Applied Optics, vol. 34, N				
	3425-3430		· · · · · · · · · · · · · · · · · · ·		FF.		
		, "Time-resolve	ed laser-induced fluorescence	spectroscopy for	enhanced		•
	demarcation of huma	n atheroscleroti	c plaques", Journal of Photoc	hemistry and Pho	tobiology.		
	(1990) pp. 363-369		,	•	37,		
		fultiple light sc	attering from concentrated, in	teracting suspens	ions",		
_ ,	Physical Review lette						
J			idden in scattering media usir	ng a fluorescence	-absorption		
ı			No. 16, 1991, pp. 1252-1254.				

JAN 1 8 ZDEZ E



1 1	741	R. C. Straight et al., Application of Charge-coupled revice technology for measurement of
7		laser light and fluorescence distribution in tumors for photodynamic therapy", Photochemistry
	77(	and Photobiology, vol. 53, No. 6, pp. 787-796
		E. M. Sevick et al., "Frequency domain imaging absorbers obscured by scattering", J.
l		Photochem, Photobiol. B:Biol, 16 (1992) pp. 169-185 AND ROOM
	T	Photochem, Photobiol. B:Biol, 16 (1992) pp. 169-185 ROOM  Wai S. Poon et al., "Laser-induced Fluorescence: Experimental intraoperative delineation of
	L	tumor resection margins", J. Neurosurg, vol. 76, Apr. 1992, pp. 679-686
		Brian C. Wilson et al., "Time-dependent optical spectroscopy and imaging for biomedical
		applications", Proceedings of the IEEE, vol. 80, No. 6, Jun. 1992 pp 918-930
	T	A. Knuittel et al., "Acoust-optic scanning and interfering photon density waves for precise
	1	localization of an absorbing (or fluorescence) body in a turbid medium", Rev. Sci. Instrum.
		Vol. 64, No. 3, Mar. 1993, pp. 638-644
		R. Cubeddu et al., "Time-gated Fluorescence imaging for the diagnosis of tumors in a murine
		model", Photochemistry and Photobiology, vol. 57, No. 3, pp. 480-485
		Randall Barbour et al., "A perturbation approach for optical diffusion tomography using
	Ì	continuous-wave and time-resolved data", Medical Optical Tomography, pp. 87-121
		M. A. O'Leary et al., "Reradiation and imaging of diffuse photon density waves using
		fluorescent inhomogeneities", Journal of Luminescence, (1994) pp. 281-286
		Michael S. Patterson et al., "Mathematical model for time-resolved and frequency-domain
		fluorescence spectroscopy in biological tissues", Applied Optics, vol. 33, No. 10, Apr. 1994,
	$\perp$	рр. 1963-1974
	11	David A. Russel et al., "Continuous noninvasive measurement of InVivo pH in conscious
	$\perp$	mice", Photochemistry and Photobiology, vol. 59, No. 3 (1994) pp. 309-313
		Serge Mordon et al., "In Vivo pH measurement and imaging of tumor tissue using a
		pH-sensitive fluorescent probe (5.6-carboxyfluorescein): Instrumental and Experimental
	1	studies", Photochemistry and Photobiology, vol. 60, No. 3, pp. 274-279
		Jun Wu et al., "Time-resolved multichannel imaging of fluorescent objects embedded in turbid
		media", Optic Letters, vol. 20, No. 5, Mar. 1995 pp. 489-491
EXAMI	INER	DATE CONSIDERED
		Thoyah Line (S/31/03)

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.